

Table 3. Farm Production Expenses: 2012 and 2007

[For meaning of abbreviations and symbols, see introductory text.]

Item	Michigan	Alcona	Alger	Allegan	Alpena	Antrim	Arenac
Total farm production expenses							
farms, 2012	52,194	235	93	1,396	458	415	421
2007	56,014	281	86	1,595	573	411	488
\$1,000, 2012	6,942,117	10,631	2,788	499,507	21,042	24,255	36,018
2007	4,786,767	7,683	2,429	311,129	17,431	20,319	25,035
Average per farm	133,006	45,239	29,982	357,813	45,944	58,445	85,552
dollars, 2012							
2007	85,457	27,343	28,241	195,065	30,420	49,438	51,302
Fertilizer, lime, and soil conditioners purchased							
farms, 2012	26,149	91	42	682	212	199	168
2007	29,252	100	39	860	253	225	188
\$1,000, 2012	785,135	795	210	25,207	1,817	2,343	6,318
2007	453,795	308	135	15,861	1,464	1,723	4,440
Chemicals purchased	25,051	73	39	650	173	187	162
farms, 2012							
2007	22,986	69	29	713	139	164	131
\$1,000, 2012	362,470	209	57	12,016	638	2,318	1,979
2007	229,101	70	35	8,568	435	1,627	1,266
Seeds, plants, vines, and trees purchased	24,913	93	37	620	195	164	168
farms, 2012							
2007	23,690	79	30	663	184	174	162
\$1,000, 2012	600,433	456	103	23,149	1,040	1,526	3,248
2007	356,913	296	59	13,519	549	1,304	1,828
Livestock and poultry purchased or leased							
farms, 2012	12,053	53	34	363	130	86	59
2007	11,151	35	29	383	125	62	56
\$1,000, 2012	326,573	438	164	39,541	365	858	302
2007	308,543	714	131	28,077	561	672	622
Breeding livestock purchased or leased							
farms, 2012	4,980	21	18	177	49	27	27
2007	4,442	19	11	147	68	15	20
\$1,000, 2012	79,605	168	92	4,087	205	87	186
2007	68,144	539	12	1,958	351	80	123
Other livestock and poultry purchased or leased							
farms, 2012	8,785	38	21	261	97	71	39
2007	8,184	20	21	305	82	52	47
\$1,000, 2012	246,968	270	73	35,454	161	771	116
2007	240,399	175	119	26,119	210	593	499
Feed purchased	24,389	123	59	721	267	159	110
farms, 2012							
2007	22,314	116	54	749	244	148	104
\$1,000, 2012	1,240,433	2,368	524	188,878	3,769	1,910	5,058
2007	740,126	1,575	402	98,289	3,376	1,210	2,181
Gasoline, fuels, and oils purchased							
farms, 2012	49,756	225	86	1,343	445	393	383
2007	54,468	273	84	1,551	554	395	474
\$1,000, 2012	397,260	826	252	16,046	1,877	1,797	3,129
2007	300,854	718	180	13,086	1,718	1,566	2,470
Utilities							
farms, 2012	33,863	160	71	968	301	231	212
2007	26,811	111	46	871	225	189	173
\$1,000, 2012	159,587	324	125	10,900	692	845	692
2007	114,239	221	111	7,650	492	603	596
Repairs, supplies, and maintenance costs							
farms, 2012	42,041	184	79	1,133	366	318	298
2007	50,239	252	77	1,449	509	364	429
\$1,000, 2012	482,696	1,179	277	21,304	1,747	1,637	3,427
2007	391,491	1,105	307	18,238	2,005	2,287	2,664
Hired farm labor							
farms, 2012	13,620	60	16	405	98	131	76
2007	11,315	34	22	407	84	92	60
\$1,000, 2012	744,744	1,017	336	53,713	1,414	4,983	3,037
2007	606,717	472	416	45,309	1,836	4,096	2,074
Contract labor							
farms, 2012	3,906	9	5	133	26	49	17
2007	3,234	20	7	110	23	38	11
\$1,000, 2012	71,648	124	(D)	5,066	93	427	177
2007	42,587	60	(D)	2,142	135	163	37
Customwork and custom hauling							
farms, 2012	10,726	33	9	330	103	51	85
2007	8,304	34	10	226	82	30	52
\$1,000, 2012	147,478	302	42	4,605	554	335	643
2007	94,519	123	55	5,328	381	350	464
Cash rent for land, buildings, and grazing fees							
farms, 2012	13,999	57	27	362	124	65	106
2007	12,378	53	18	378	109	50	91
\$1,000, 2012	470,091	770	179	19,655	2,782	814	2,952
2007	294,570	432	105	15,110	596	690	2,132
Rent and lease expenses for machinery, equipment, and farm share of vehicles							
farms, 2012	3,758	12	2	122	23	18	32
2007	3,040	7	7	105	14	29	26
\$1,000, 2012	53,824	28	(D)	3,314	87	157	157
2007	29,011	36	(D)	1,716	50	285	130
Interest expense							
farms, 2012	20,346	89	26	494	182	151	168
2007	16,625	67	22	487	160	102	103
\$1,000, 2012	293,485	545	91	11,800	1,810	1,600	1,517
2007	261,676	414	72	10,098	1,479	1,268	1,045
Secured by real estate							
farms, 2012	16,443	75	15	391	159	123	138
2007	13,502	56	13	385	133	86	86
\$1,000, 2012	208,958	425	76	8,162	1,389	1,142	1,154
2007	180,621	299	46	6,911	1,020	918	713
Not secured by real estate							
farms, 2012	11,124	48	17	280	92	74	80
2007	9,981	42	14	304	104	61	55
\$1,000, 2012	84,527	120	16	3,638	420	457	363
2007	81,054	115	26	3,187	459	351	332
Property taxes paid							
farms, 2012	50,155	229	89	1,344	448	398	402
2007	52,283	256	82	1,492	549	383	463
\$1,000, 2012	217,503	560	218	7,066	1,080	1,229	1,215
2007	188,916	555	142	6,441	1,141	1,106	1,381
All other production expenses (see text)							
farms, 2012	27,265	105	46	770	224	187	157
2007	27,134	99	45	879	237	183	186
\$1,000, 2012	588,760	691	181	57,246	1,278	1,476	2,168
2007	373,709	585	250	21,699	1,213	1,369	1,706
Depreciation expenses claimed (see text)							
farms, 2012	25,205	107	35	670	217	148	178
2007	25,510	116	38	769	210	176	186
\$1,000, 2012	697,008	1,404	268	30,467	2,772	2,903	4,811
2007	534,770	1,578	372	28,164	2,680	2,767	3,355

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Table 3. Farm Production Expenses: 2012 and 2007 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Baraga	Barry	Bay	Benzie	Berrien	Branch	Calhoun
Total farm production expenses							
farms, 2012	57	1,031	766	181	1,063	1,054	1,023
2007	76	1,164	851	205	1,300	1,129	1,178
\$1,000, 2012	1,638	106,949	108,883	8,962	142,329	137,658	120,040
2007	1,108	82,067	64,747	8,420	112,830	104,104	79,229
Average per farm	28,737	103,733	142,145	49,512	133,894	130,605	117,341
dollars, 2012							
2007	14,579	70,504	76,083	41,071	86,793	92,209	67,257
Fertilizer, lime, and soil conditioners purchased							
farms, 2012	23	371	472	96	627	515	543
2007	33	419	533	118	850	556	599
\$1,000, 2012	201	9,246	24,159	513	13,975	20,342	16,835
2007	47	5,960	12,478	378	8,502	10,959	9,323
Chemicals purchased							
farms, 2012	23	364	496	97	660	514	520
2007	25	300	452	99	784	472	493
\$1,000, 2012	(D)	3,696	8,324	723	11,590	7,799	5,687
2007	16	2,363	4,998	795	10,073	4,921	3,794
Seeds, plants, vines, and trees purchased							
farms, 2012	25	375	502	78	531	486	542
2007	25	346	489	96	625	482	524
\$1,000, 2012	75	6,845	14,531	438	13,659	17,188	12,590
2007	46	4,239	6,926	295	8,042	6,502	7,370
Livestock and poultry purchased or leased							
farms, 2012	16	287	92	35	142	229	230
2007	14	248	64	50	157	185	231
\$1,000, 2012	89	4,242	367	945	2,739	6,743	4,465
2007	34	7,637	375	1,065	3,160	10,650	3,817
Breeding livestock purchased or leased							
farms, 2012	7	130	25	8	65	75	85
2007	9	110	24	21	46	60	102
\$1,000, 2012	39	2,374	82	65	559	648	861
2007	25	969	52	98	247	1,572	594
Other livestock and poultry purchased or leased							
farms, 2012	10	190	74	33	87	188	168
2007	8	166	53	37	124	136	164
\$1,000, 2012	50	1,868	285	881	2,180	6,095	3,604
2007	9	6,668	323	967	2,913	9,078	3,223
Feed purchased							
farms, 2012	33	586	167	70	327	449	493
2007	33	531	139	84	327	368	480
\$1,000, 2012	251	27,975	2,040	633	7,179	19,142	18,952
2007	83	21,404	1,575	485	4,406	15,927	11,255
Gasoline, fuels, and oils purchased							
farms, 2012	57	986	741	180	1,036	982	982
2007	73	1,129	833	201	1,259	1,077	1,158
\$1,000, 2012	142	5,175	9,012	564	7,902	8,888	7,192
2007	136	4,281	5,727	553	7,481	7,058	5,774
Utilities							
farms, 2012	41	622	528	141	724	662	672
2007	33	454	417	119	675	449	545
\$1,000, 2012	60	2,848	2,215	239	2,808	3,473	2,983
2007	65	1,862	1,290	215	2,356	2,254	1,963
Repairs, supplies, and maintenance costs							
farms, 2012	51	794	636	158	864	813	841
2007	69	1,021	779	185	1,173	972	1,066
\$1,000, 2012	137	7,338	11,249	707	11,769	10,032	9,380
2007	139	7,275	5,837	863	10,526	7,839	6,886
Hired farm labor							
farms, 2012	15	203	206	58	404	250	261
2007	7	173	174	45	379	174	208
\$1,000, 2012	197	10,501	6,038	1,775	31,100	8,465	9,786
2007	210	7,065	5,600	1,626	28,585	8,690	7,382
Contract labor							
farms, 2012	-	74	57	23	131	90	97
2007	1	48	55	29	139	37	38
\$1,000, 2012	-	586	327	119	2,481	708	598
2007	(D)	364	266	95	1,857	91	256
Customwork and custom hauling							
farms, 2012	3	216	168	18	242	280	228
2007	12	130	126	18	255	206	177
\$1,000, 2012	(D)	4,336	1,258	296	2,721	2,439	2,242
2007	(D)	2,271	464	167	2,834	3,000	1,054
Cash rent for land, buildings, and grazing fees							
farms, 2012	10	246	298	27	271	299	299
2007	9	197	293	19	315	248	267
\$1,000, 2012	86	6,288	12,947	232	8,808	12,275	9,476
2007	73	4,389	7,995	123	7,305	8,494	5,400
Rent and lease expenses for machinery, equipment, and farm share of vehicles							
farms, 2012	1	50	89	17	75	65	56
2007	-	42	62	9	72	46	65
\$1,000, 2012	(D)	591	1,059	70	609	1,746	753
2007	-	368	339	51	488	813	280
Interest expense							
farms, 2012	11	383	351	56	413	524	450
2007	15	287	269	64	356	357	365
\$1,000, 2012	138	5,657	5,076	661	7,625	7,008	6,175
2007	64	4,160	3,715	639	5,071	6,633	4,347
Secured by real estate							
farms, 2012	10	332	284	51	322	434	377
2007	12	248	207	55	281	304	295
\$1,000, 2012	83	4,445	3,384	579	5,943	5,273	4,502
2007	(D)	2,593	2,342	558	3,805	4,491	2,863
Not secured by real estate							
farms, 2012	6	171	195	23	226	287	225
2007	9	174	187	43	209	220	209
\$1,000, 2012	55	1,212	1,692	81	1,682	1,735	1,673
2007	(D)	1,567	1,374	82	1,265	2,142	1,484
Property taxes paid							
farms, 2012	55	1,001	735	176	1,023	1,012	979
2007	73	1,074	783	195	1,196	1,062	1,071
\$1,000, 2012	136	3,543	4,349	418	4,388	4,198	4,665
2007	133	3,045	2,951	421	3,840	4,026	3,857
All other production expenses (see text)							
farms, 2012	33	484	397	95	598	546	544
2007	33	474	393	97	654	473	573
\$1,000, 2012	65	8,080	5,930	628	12,977	7,212	8,261
2007	42	5,385	4,211	648	8,307	6,247	6,469
Depreciation expenses claimed (see text)							
farms, 2012	22	459	431	89	547	538	536
2007	22	433	431	89	683	528	538
\$1,000, 2012	212	12,518	16,334	1,027	12,262	14,201	11,661
2007	180	9,899	7,605	1,102	11,170	10,723	10,610

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Table 3. Farm Production Expenses: 2012 and 2007 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford
Total farm production expenses							
farms, 2012	798	297	313	409	460	1,128	49
2007	811	336	347	401	450	1,231	39
\$1,000, 2012	139,970	8,957	11,016	11,464	17,878	199,709	724
2007	89,544	7,816	8,235	8,994	15,945	130,620	732
Average per farm	dollars, 2012	175,401	30,157	35,194	28,028	38,865	177,047
	2007	110,412	23,263	23,733	22,430	35,434	14,770
							18,761
Fertilizer, lime, and soil conditioners purchased	farms, 2012	429	143	121	104	164	594
	2007	444	182	154	176	164	726
	\$1,000, 2012	16,680	953	493	259	1,181	22,197
	2007	8,147	603	325	550	699	12,943
Chemicals purchased	farms, 2012	406	130	88	78	126	619
	2007	354	129	93	55	96	623
	\$1,000, 2012	8,380	436	197	36	325	7,260
	2007	4,652	355	106	40	121	5,807
Seeds, plants, vines, and trees purchased	farms, 2012	382	126	108	134	155	613
	2007	362	117	109	142	128	659
	\$1,000, 2012	11,618	386	212	196	800	15,932
	2007	5,743	409	196	226	332	9,243
Livestock and poultry purchased or leased	farms, 2012	183	74	79	115	165	302
	2007	164	62	75	95	124	251
	\$1,000, 2012	5,487	247	272	891	1,249	7,984
	2007	7,387	181	185	437	2,350	3,916
Breeding livestock purchased or leased	farms, 2012	80	29	25	58	70	116
	2007	53	25	24	47	64	88
	\$1,000, 2012	1,488	125	102	473	293	4,261
	2007	929	42	111	106	280	1,670
Other livestock and poultry purchased or leased	farms, 2012	127	59	62	78	131	227
	2007	134	45	55	67	76	179
	\$1,000, 2012	3,999	122	170	418	956	3,723
	2007	6,458	139	74	331	2,070	(D)
Feed purchased	farms, 2012	392	144	164	220	272	496
	2007	297	151	145	184	218	471
	\$1,000, 2012	36,728	1,005	1,496	2,898	4,329	46,217
	2007	20,345	759	996	1,877	3,597	20,317
Gasoline, fuels, and oils purchased	farms, 2012	764	292	306	389	428	1,084
	2007	785	325	334	398	422	1,204
	\$1,000, 2012	8,596	706	962	1,060	1,347	10,058
	2007	5,058	788	770	862	1,231	7,533
Utilities	farms, 2012	506	188	200	270	276	755
	2007	396	150	133	209	190	614
	\$1,000, 2012	3,293	350	347	615	582	4,559
	2007	2,162	269	208	335	423	2,836
Repairs, supplies, and maintenance costs	farms, 2012	634	247	245	332	369	959
	2007	726	303	301	381	390	1,119
	\$1,000, 2012	7,696	1,011	1,150	1,235	1,488	14,224
	2007	6,040	1,039	1,213	1,168	1,725	10,922
Hired farm labor	farms, 2012	178	58	77	114	89	304
	2007	144	52	57	93	62	237
	\$1,000, 2012	9,766	904	1,314	880	1,815	19,837
	2007	7,800	878	1,264	587	1,338	14,101
Contract labor	farms, 2012	68	21	20	21	27	60
	2007	52	15	11	17	20	65
	\$1,000, 2012	590	104	41	57	249	929
	2007	497	(D)	(D)	92	203	630
Customwork and custom hauling	farms, 2012	208	36	25	52	79	313
	2007	145	20	25	39	44	284
	\$1,000, 2012	4,450	63	240	104	135	4,343
	2007	1,567	(D)	218	105	113	6,152
Cash rent for land, buildings, and grazing fees	farms, 2012	225	45	44	97	93	335
	2007	201	41	38	79	86	308
	\$1,000, 2012	7,989	612	273	718	495	15,589
	2007	6,276	109	359	537	326	11,288
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2012	48	5	11	10	25	87
	2007	48	5	6	17	20	90
	\$1,000, 2012	1,444	12	184	27	174	1,506
	2007	427	2	(D)	27	180	887
Interest expense	farms, 2012	326	101	102	159	148	445
	2007	251	74	71	127	122	421
	\$1,000, 2012	6,151	758	1,042	981	1,557	9,620
	2007	4,630	739	401	804	1,390	8,219
Secured by real estate	farms, 2012	278	81	83	127	112	359
	2007	217	62	57	107	90	350
	\$1,000, 2012	5,182	462	676	754	1,011	6,160
	2007	3,543	460	325	621	880	5,721
Not secured by real estate	farms, 2012	162	49	58	115	79	226
	2007	150	41	39	89	90	246
	\$1,000, 2012	969	296	366	228	547	3,460
	2007	1,087	279	76	183	510	2,498
Property taxes paid	farms, 2012	766	288	302	405	452	1,094
	2007	762	314	324	381	426	1,157
	\$1,000, 2012	3,825	821	766	885	1,126	5,410
	2007	3,585	758	719	817	958	4,442
All other production expenses (see text)	farms, 2012	421	153	147	205	238	598
	2007	390	145	130	175	196	639
	\$1,000, 2012	7,277	590	2,028	622	1,026	14,044
	2007	5,230	785	877	529	957	11,385
Depreciation expenses claimed (see text)	farms, 2012	407	87	110	205	174	621
	2007	379	89	108	201	183	642
	\$1,000, 2012	14,056	1,117	1,026	1,548	1,924	17,394
	2007	9,398	913	1,094	1,612	2,281	15,435

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Table 3. Farm Production Expenses: 2012 and 2007 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Delta	Dickinson	Eaton	Emmet	Genesee	Gladwin	Gogebic
Total farm production expenses							
farms, 2012	283	162	1,163	287	835	533	62
2007	290	161	1,231	291	988	557	42
\$1,000, 2012	12,185	5,457	90,254	8,473	75,566	16,714	686
2007	9,864	4,048	59,716	6,562	54,442	11,232	522
Average per farm	43,058	33,683	77,604	29,522	90,498	31,358	11,065
dollars, 2012							
2007	34,012	25,145	48,510	22,551	55,104	20,165	12,424
Fertilizer, lime, and soil conditioners purchased							
farms, 2012	135	68	589	125	385	197	22
2007	154	70	612	144	470	238	18
\$1,000, 2012	1,297	541	17,207	387	9,425	2,487	70
2007	779	355	10,983	355	6,237	1,630	(D)
Chemicals purchased							
farms, 2012	111	52	562	103	379	157	14
2007	109	49	505	77	369	127	8
\$1,000, 2012	484	236	6,371	169	4,153	515	10
2007	372	173	4,108	84	2,271	370	1
Seeds, plants, vines, and trees purchased							
farms, 2012	131	54	565	110	385	182	13
2007	121	54	509	106	365	179	15
\$1,000, 2012	553	435	11,378	641	9,582	1,431	32
2007	491	356	6,611	249	7,297	705	24
Livestock and poultry purchased or leased							
farms, 2012	87	43	244	74	172	173	15
2007	51	33	230	50	182	120	11
\$1,000, 2012	712	152	4,297	269	836	527	24
2007	281	91	1,371	243	1,513	269	49
Breeding livestock purchased or leased							
farms, 2012	55	14	130	31	66	78	6
2007	28	13	97	14	51	49	5
\$1,000, 2012	418	73	647	71	240	224	4
2007	177	47	343	25	312	134	8
Other livestock and poultry purchased or leased							
farms, 2012	43	32	159	57	141	116	15
2007	29	22	154	42	148	84	11
\$1,000, 2012	293	79	3,650	198	597	303	20
2007	104	44	1,027	218	1,202	134	41
Feed purchased							
farms, 2012	159	87	526	173	411	308	34
2007	117	69	498	138	429	225	27
\$1,000, 2012	1,696	925	7,803	956	3,753	2,398	79
2007	1,463	640	4,214	672	3,684	1,145	98
Gasoline, fuels, and oils purchased							
farms, 2012	279	157	1,098	272	812	501	60
2007	288	157	1,209	288	962	528	42
\$1,000, 2012	1,092	497	5,663	535	4,541	1,509	62
2007	1,171	469	4,729	725	4,312	1,153	43
Utilities							
farms, 2012	204	122	718	173	544	301	41
2007	147	84	572	125	454	227	26
\$1,000, 2012	471	227	1,818	230	2,005	495	(D)
2007	350	141	1,397	210	1,332	436	14
Repairs, supplies, and maintenance costs							
farms, 2012	242	140	933	226	696	410	41
2007	271	152	1,123	261	879	453	35
\$1,000, 2012	1,277	549	7,206	599	6,494	1,377	87
2007	1,350	523	5,490	844	4,882	1,435	69
Hired farm labor							
farms, 2012	66	33	236	86	228	104	16
2007	61	29	191	38	223	74	5
\$1,000, 2012	1,101	326	3,228	1,691	10,873	893	35
2007	713	311	2,373	1,099	6,531	508	6
Contract labor							
farms, 2012	14	7	77	10	53	23	1
2007	14	7	52	8	68	24	3
\$1,000, 2012	17	(D)	531	(D)	448	190	(D)
2007	33	3	244	20	179	135	7
Customwork and custom hauling							
farms, 2012	33	33	251	26	129	71	9
2007	34	15	183	19	102	52	7
\$1,000, 2012	167	75	1,838	62	506	514	4
2007	168	51	745	25	388	92	(D)
Cash rent for land, buildings, and grazing fees							
farms, 2012	77	31	369	63	211	109	2
2007	64	20	290	52	183	87	-
\$1,000, 2012	1,219	476	7,594	712	6,613	992	(D)
2007	307	55	4,953	212	3,364	613	-
Rent and lease expenses for machinery, equipment, and farm share of vehicles							
farms, 2012	17	3	56	3	48	22	3
2007	8	3	41	7	37	8	2
\$1,000, 2012	48	(D)	849	(D)	667	49	1
2007	15	1	387	14	825	10	(D)
Interest expense							
farms, 2012	120	41	517	117	288	176	16
2007	96	33	393	54	285	116	10
\$1,000, 2012	582	228	4,356	942	2,763	1,038	91
2007	741	232	4,177	393	3,678	1,035	96
Secured by real estate							
farms, 2012	90	37	427	89	212	153	15
2007	77	25	335	51	231	99	9
\$1,000, 2012	410	163	3,431	492	1,871	844	82
2007	505	190	3,008	318	2,434	708	76
Not secured by real estate							
farms, 2012	56	25	288	72	180	78	5
2007	64	14	245	28	169	69	4
\$1,000, 2012	172	64	926	450	892	194	9
2007	236	42	1,170	74	1,245	328	20
Property taxes paid							
farms, 2012	276	156	1,129	276	790	528	62
2007	264	147	1,166	271	901	518	42
\$1,000, 2012	742	399	4,657	841	3,174	1,196	102
2007	809	312	3,895	789	3,248	1,053	60
All other production expenses (see text)							
farms, 2012	155	80	630	152	458	261	28
2007	147	71	608	126	484	223	29
\$1,000, 2012	727	377	5,457	419	9,733	1,104	(D)
2007	823	334	4,038	628	4,702	643	38
Depreciation expenses claimed (see text)							
farms, 2012	142	83	565	133	382	200	28
2007	136	68	564	137	441	185	10
\$1,000, 2012	1,218	1,145	10,851	1,131	8,105	2,149	117
2007	1,808	823	7,242	960	6,325	1,789	110

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Table 3. Farm Production Expenses: 2012 and 2007 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Grand Traverse	Gratiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco	
Total farm production expenses	farms, 2012	504	878	1,530	177	1,205	944	1,109	283
	2007	522	1,036	1,674	155	1,394	947	1,183	316
\$1,000, 2012		28,588	245,236	132,739	3,134	494,642	109,562	305,500	14,036
	2007	20,120	150,351	112,744	2,988	288,452	75,667	160,017	12,470
Average per farm	dollars, 2012	56,721	279,312	86,758	17,707	410,492	116,061	275,473	49,598
	2007	38,544	145,127	67,350	19,278	206,924	79,902	135,264	39,462
Fertilizer, lime, and soil conditioners purchased	farms, 2012	295	513	623	76	770	462	584	123
	2007	319	628	680	76	846	491	642	135
\$1,000, 2012		2,634	29,745	19,018	282	55,224	18,269	21,499	1,380
	2007	1,408	16,217	10,601	174	30,679	9,268	12,220	1,337
Chemicals purchased	farms, 2012	288	505	614	69	766	457	595	92
	2007	256	491	575	48	687	383	532	81
\$1,000, 2012		2,578	10,922	6,541	66	25,260	5,690	8,971	195
	2007	1,928	6,717	4,921	42	13,152	3,767	4,555	310
Seeds, plants, vines, and trees purchased	farms, 2012	256	499	617	73	756	436	573	102
	2007	210	539	608	62	771	390	549	110
\$1,000, 2012		1,563	21,038	18,480	189	32,507	12,251	16,843	811
	2007	993	10,642	12,001	149	15,477	6,468	7,190	616
Livestock and poultry purchased or leased	farms, 2012	100	192	347	43	301	246	312	65
	2007	117	210	290	26	324	180	312	76
\$1,000, 2012		344	13,050	6,974	36	52,448	1,271	22,967	560
	2007	531	19,079	8,679	84	46,469	1,477	17,215	1,015
Breeding livestock purchased or leased	farms, 2012	22	85	126	12	107	98	155	37
	2007	32	78	139	8	96	71	140	35
\$1,000, 2012		65	1,981	896	18	10,565	419	7,837	502
	2007	106	6,955	3,724	49	6,999	863	6,510	(D)
Other livestock and poultry purchased or leased	farms, 2012	85	151	262	35	244	175	211	42
	2007	90	144	200	21	262	133	206	46
\$1,000, 2012		279	11,069	6,077	17	41,882	852	15,129	57
	2007	426	12,124	4,955	35	39,469	614	10,705	(D)
Feed purchased	farms, 2012	190	324	629	94	425	495	594	160
	2007	183	318	561	72	448	477	518	148
\$1,000, 2012		1,952	56,310	14,945	431	129,616	10,687	76,085	3,316
	2007	1,023	29,017	17,121	391	51,353	7,633	43,021	2,757
Gasoline, fuels, and oils purchased	farms, 2012	478	812	1,390	163	1,139	905	1,064	274
	2007	502	1,003	1,602	151	1,360	924	1,157	306
\$1,000, 2012		2,381	12,215	7,843	377	23,763	7,566	12,739	1,116
	2007	1,746	8,149	5,597	336	15,959	5,415	7,027	974
Utilities	farms, 2012	351	595	824	107	884	648	775	183
	2007	288	496	621	76	683	482	588	143
\$1,000, 2012		825	4,381	2,945	171	6,573	2,288	6,025	507
	2007	548	2,388	3,087	107	4,140	1,652	3,481	317
Repairs, supplies, and maintenance costs	farms, 2012	397	727	1,094	125	1,016	772	935	221
	2007	477	922	1,419	131	1,260	854	1,077	287
\$1,000, 2012		2,433	16,133	8,859	296	30,114	9,083	16,649	1,317
	2007	2,211	9,548	9,120	349	20,503	6,148	11,376	1,142
Hired farm labor	farms, 2012	154	265	316	47	388	273	277	50
	2007	140	208	236	33	328	251	223	49
\$1,000, 2012		3,680	15,364	12,418	334	29,409	11,983	28,543	888
	2007	2,887	11,011	12,375	268	20,165	9,804	16,078	582
Contract labor	farms, 2012	78	83	97	7	76	99	82	15
	2007	60	53	57	10	71	67	57	8
\$1,000, 2012		910	1,923	366	16	2,211	658	1,112	24
	2007	840	674	700	(D)	1,438	644	1,935	34
Customwork and custom hauling	farms, 2012	87	212	281	15	369	193	341	53
	2007	74	159	259	12	260	126	249	38
\$1,000, 2012		384	7,131	2,027	27	12,290	1,688	5,396	396
	2007	547	2,476	1,765	27	6,118	646	1,759	348
Cash rent for land, buildings, and grazing fees	farms, 2012	91	275	350	13	454	267	368	70
	2007	72	268	306	9	463	222	303	55
\$1,000, 2012		1,598	20,844	11,034	144	32,874	8,365	11,620	665
	2007	539	10,156	7,026	42	22,075	5,222	7,485	578
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2012	51	117	85	6	139	66	97	15
	2007	30	91	79	2	123	35	64	14
\$1,000, 2012		642	2,916	1,132	8	2,178	1,320	1,434	198
	2007	122	1,280	482	(D)	1,085	378	1,038	86
Interest expense	farms, 2012	185	438	645	46	634	356	477	98
	2007	137	412	521	36	531	275	387	71
\$1,000, 2012		1,688	9,825	6,518	174	21,645	5,624	9,233	828
	2007	1,346	8,475	8,050	254	15,858	4,769	9,948	742
Secured by real estate	farms, 2012	147	373	564	35	517	271	382	82
	2007	106	343	445	24	407	223	309	57
\$1,000, 2012		1,392	6,588	4,908	145	14,374	4,172	6,196	672
	2007	1,032	5,512	5,667	199	8,318	3,856	7,106	534
Not secured by real estate	farms, 2012	98	223	322	21	391	221	293	47
	2007	78	238	303	21	365	160	235	41
\$1,000, 2012		296	3,237	1,610	29	7,271	1,452	3,037	156
	2007	315	2,964	2,382	55	7,540	913	2,842	208
Property taxes paid	farms, 2012	487	837	1,486	175	1,142	879	1,077	275
	2007	487	974	1,579	149	1,275	878	1,099	295
\$1,000, 2012		1,732	4,716	4,814	322	8,810	5,490	5,392	639
	2007	1,751	3,980	4,374	248	7,679	4,507	4,320	681
All other production expenses (see text)	farms, 2012	247	475	684	73	699	564	668	123
	2007	259	517	676	71	792	536	586	139
\$1,000, 2012		3,245	18,720	8,826	261	29,718	7,328	60,990	1,197
	2007	1,697	10,542	6,846	499	16,303	7,869	11,369	950
Depreciation expenses claimed (see text)	farms, 2012	264	484	676	60	790	459	638	108
	2007	242	538	633	54	803	442	583	132
\$1,000, 2012		3,102	21,996	14,218	261	54,468	11,044	26,740	1,906
	2007	3,015	16,953	11,539	455	30,850	9,698	17,279	1,810

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Table 3. Farm Production Expenses: 2012 and 2007 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake
Total farm production expenses								
farms, 2012	117	928	1,073	734	224	1,159	6	200
2007	111	1,018	1,184	854	221	1,193	8	186
\$1,000, 2012	3,539	89,212	75,410	198,134	8,088	209,122	78	5,253
2007	2,212	59,610	55,027	145,162	6,494	156,134	136	3,120
Average per farm	dollars, 2012	30,248	96,134	70,279	269,937	36,109	180,433	13,062
	2007	19,925	58,556	46,476	169,979	29,385	130,875	17,044
Fertilizer, lime, and soil conditioners purchased	farms, 2012	43	466	471	362	97	591	-
	2007	37	525	572	463	116	654	2
	\$1,000, 2012	473	13,542	13,184	15,371	877	12,192	-
	2007	247	7,274	7,508	8,969	517	8,071	(D)
Chemicals purchased	farms, 2012	24	446	451	367	70	571	56
	2007	22	429	459	365	57	536	-
	\$1,000, 2012	139	4,806	4,707	6,482	401	12,373	-
	2007	66	2,448	2,826	4,144	213	9,721	-
Seeds, plants, vines, and trees purchased	farms, 2012	34	465	452	389	96	542	-
	2007	34	444	436	361	81	515	4
	\$1,000, 2012	177	8,489	7,608	21,481	836	32,148	-
	2007	95	3,794	4,490	14,224	386	19,563	2
Livestock and poultry purchased or leased	farms, 2012	29	253	297	167	57	293	-
	2007	25	234	261	165	53	277	2
	\$1,000, 2012	102	5,511	2,205	3,797	51	4,463	-
	2007	49	4,929	4,176	8,496	63	3,678	(D)
Breeding livestock purchased or leased	farms, 2012	11	100	146	59	14	119	-
	2007	17	89	102	70	20	107	2
	\$1,000, 2012	85	1,184	607	1,115	21	1,103	-
	2007	32	325	727	1,271	23	646	(D)
Other livestock and poultry purchased or leased	farms, 2012	21	184	202	126	47	211	-
	2007	15	163	184	125	45	194	-
	\$1,000, 2012	17	4,327	1,598	2,682	30	3,361	-
	2007	18	4,604	3,449	7,226	40	3,033	-
Feed purchased	farms, 2012	60	432	579	369	113	656	6
	2007	59	403	548	340	99	550	6
	\$1,000, 2012	249	12,076	8,058	23,848	556	21,085	17
	2007	169	7,816	5,440	18,701	477	14,466	9
Gasoline, fuels, and oils purchased	farms, 2012	111	889	1,034	690	203	1,101	6
	2007	108	983	1,144	838	212	1,170	8
	\$1,000, 2012	288	5,986	5,380	9,956	523	12,030	15
	2007	293	4,318	4,276	9,066	628	8,233	34
Utilities	farms, 2012	77	580	698	484	133	789	-
	2007	67	509	528	433	105	640	4
	\$1,000, 2012	107	1,850	2,066	6,812	450	4,813	(D)
	2007	76	1,273	1,280	5,584	233	4,130	2
Repairs, supplies, and maintenance costs	farms, 2012	99	752	876	600	162	935	4
	2007	106	926	1,053	788	192	1,086	8
	\$1,000, 2012	308	7,375	5,792	16,152	967	12,051	10
	2007	250	5,648	5,163	9,277	754	10,722	16
Hired farm labor	farms, 2012	22	214	260	233	48	362	-
	2007	22	195	174	218	34	325	-
	\$1,000, 2012	710	5,103	5,245	35,511	1,413	35,745	-
	2007	354	4,742	3,185	28,573	1,524	30,435	-
Contract labor	farms, 2012	8	60	50	76	16	119	-
	2007	3	43	44	57	13	93	3
	\$1,000, 2012	58	305	380	1,256	93	9,684	-
	2007	(D)	325	353	593	76	3,921	(D)
Customwork and custom hauling	farms, 2012	9	205	173	141	26	196	-
	2007	4	180	167	131	13	190	13
	\$1,000, 2012	3	1,352	1,358	8,224	62	5,760	-
	2007	20	1,161	895	3,768	53	7,635	-
Cash rent for land, buildings, and grazing fees	farms, 2012	29	245	271	181	18	317	-
	2007	20	240	224	200	11	269	2
	\$1,000, 2012	340	6,767	5,204	9,127	345	8,663	-
	2007	89	3,720	3,493	5,935	66	7,092	(D)
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2012	5	108	37	75	6	82	-
	2007	2	60	39	76	5	63	-
	\$1,000, 2012	3	587	400	1,445	15	1,033	-
	2007	(D)	226	274	1,053	4	549	(D)
Interest expense	farms, 2012	29	391	397	300	65	365	4
	2007	25	334	349	291	67	312	5
	\$1,000, 2012	93	4,191	3,825	6,338	607	5,686	9
	2007	125	3,870	4,052	5,859	524	6,240	30
Secured by real estate	farms, 2012	21	331	309	237	55	282	2
	2007	21	273	278	245	60	232	1
	\$1,000, 2012	73	3,068	2,601	4,695	421	4,558	(D)
	2007	110	2,565	2,843	3,990	398	5,299	(D)
Not secured by real estate	farms, 2012	17	214	214	156	30	193	2
	2007	14	207	223	160	30	178	4
	\$1,000, 2012	20	1,123	1,224	1,643	186	1,128	(D)
	2007	15	1,305	1,209	1,868	126	941	(D)
Property taxes paid	farms, 2012	111	906	1,034	700	212	1,094	6
	2007	108	952	1,120	776	197	1,108	6
	\$1,000, 2012	210	3,704	4,147	4,085	491	5,822	5
	2007	187	3,469	3,633	3,577	445	5,208	8
All other production expenses (see text)	farms, 2012	56	506	603	444	80	631	4
	2007	53	479	568	465	80	635	4
	\$1,000, 2012	279	7,568	5,852	28,249	402	25,574	(D)
	2007	183	4,597	3,982	17,344	533	16,470	12
Depreciation expenses claimed (see text)	farms, 2012	40	463	509	400	73	557	2
	2007	39	456	520	432	75	545	5
	\$1,000, 2012	391	9,808	7,517	18,721	1,057	15,408	(D)
	2007	225	7,871	8,925	13,224	664	12,335	11

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Table 3. Farm Production Expenses: 2012 and 2007 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Lapeer	Leelanau	Lenawee	Livingston	Luce	Mackinac	Macomb	Manistee
Total farm production expenses								
farms, 2012	1,133	494	1,618	734	43	103	502	324
2007	1,317	449	1,686	795	41	89	475	358
\$1,000, 2012	83,063	34,746	189,765	45,418	3,072	4,314	64,185	10,121
2007	64,253	29,460	139,926	39,086	2,351	3,725	45,386	9,211
Average per farm	dollars, 2012	73,312	70,336	117,284	61,878	71,435	41,884	31,239
	2007	48,788	65,613	82,993	49,165	57,352	41,856	25,730
Fertilizer, lime, and soil conditioners purchased	farms, 2012	545	297	736	317	12	37	272
	2007	578	323	791	345	16	34	270
	\$1,000, 2012	11,743	1,551	29,996	5,026	(D)	(D)	5,806
	2007	7,022	1,540	19,595	3,469	96	106	3,006
Chemicals purchased	farms, 2012	526	329	775	302	12	24	273
	2007	457	294	741	253	15	13	144
	\$1,000, 2012	4,446	4,299	11,439	2,544	(D)	(D)	2,384
	2007	2,553	3,580	8,369	1,534	99	15	120
Seeds, plants, vines, and trees purchased	farms, 2012	508	272	774	291	17	40	278
	2007	447	233	716	286	15	24	144
	\$1,000, 2012	8,511	1,526	19,301	3,920	181	47	676
	2007	5,900	1,080	12,877	2,928	328	50	7,334
Livestock and poultry purchased or leased	farms, 2012	277	66	245	171	11	36	91
	2007	282	73	231	166	6	17	53
	\$1,000, 2012	4,905	771	3,869	1,165	(D)	254	7,561
	2007	3,875	1,245	5,848	1,041	(D)	228	821
Breeding livestock purchased or leased	farms, 2012	96	29	92	64	2	22	40
	2007	97	19	80	70	5	6	18
	\$1,000, 2012	353	119	921	294	(D)	61	137
	2007	365	248	3,008	240	7	70	25
Other livestock and poultry purchased or leased	farms, 2012	209	54	181	133	10	22	66
	2007	227	64	176	127	3	13	48
	\$1,000, 2012	4,553	652	2,948	872	(D)	193	7,424
	2007	3,510	997	2,840	801	(D)	159	780
Feed purchased	farms, 2012	660	141	498	442	27	68	298
	2007	663	122	475	413	14	44	141
	\$1,000, 2012	6,490	766	23,372	5,341	225	1,176	5,491
	2007	5,231	468	16,241	3,793	84	1,103	628
Gasoline, fuels, and oils purchased	farms, 2012	1,107	473	1,495	712	41	97	488
	2007	1,284	447	1,623	768	37	87	295
	\$1,000, 2012	5,781	2,173	11,490	3,039	213	325	350
	2007	4,709	2,072	8,355	3,121	197	321	4,275
Utilities	farms, 2012	780	378	877	484	24	59	349
	2007	614	252	706	390	19	36	190
	\$1,000, 2012	2,008	1,014	3,383	1,174	114	98	254
	2007	1,649	595	2,395	1,119	105	83	162
Repairs, supplies, and maintenance costs	farms, 2012	952	417	1,239	589	32	90	428
	2007	1,191	419	1,504	717	35	75	241
	\$1,000, 2012	6,744	2,300	13,266	4,085	247	399	725
	2007	5,466	3,238	11,785	4,838	272	501	3,452
Hired farm labor	farms, 2012	293	212	376	164	11	16	61
	2007	238	188	262	159	14	11	65
	\$1,000, 2012	10,374	9,232	13,660	5,102	(D)	476	11,505
	2007	8,101	6,945	9,842	5,174	(D)	472	11,595
Contract labor	farms, 2012	65	128	59	49	3	3	23
	2007	56	97	68	46	5	3	17
	\$1,000, 2012	501	2,133	1,700	854	(D)	1	404
	2007	334	1,288	1,021	290	7	(D)	1,533
Customwork and custom hauling	farms, 2012	210	95	355	107	10	17	846
	2007	141	80	253	78	4	7	31
	\$1,000, 2012	1,322	632	4,556	854	129	66	948
	2007	851	448	3,084	782	9	96	317
Cash rent for land, buildings, and grazing fees	farms, 2012	298	95	463	158	19	38	41
	2007	267	73	414	156	8	16	128
	\$1,000, 2012	5,193	977	23,986	2,601	244	296	3,219
	2007	3,198	1,094	16,450	1,742	114	93	1,831
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2012	70	53	113	32	2	3	29
	2007	60	45	103	32	1	3	10
	\$1,000, 2012	553	209	2,032	232	(D)	2	169
	2007	332	196	1,183	82	(D)	195	37
Interest expense	farms, 2012	393	177	590	221	17	53	202
	2007	360	133	519	213	13	29	91
	\$1,000, 2012	3,631	2,304	8,651	2,143	103	516	1,363
	2007	4,615	1,584	9,599	2,519	173	210	548
Secured by real estate	farms, 2012	294	146	495	153	16	42	443
	2007	294	108	423	144	13	21	74
	\$1,000, 2012	2,686	2,020	6,133	1,673	80	310	443
	2007	3,636	1,390	7,157	1,931	140	101	1,082
Not secured by real estate	farms, 2012	247	91	315	139	10	29	421
	2007	225	70	282	153	7	19	48
	\$1,000, 2012	946	285	2,517	470	23	206	647
	2007	979	194	2,443	588	33	109	105
Property taxes paid	farms, 2012	1,086	462	1,509	706	42	97	482
	2007	1,239	422	1,553	731	37	81	76
	\$1,000, 2012	4,096	2,110	7,037	3,251	108	192	2,285
	2007	4,098	1,932	5,959	2,973	103	215	904
All other production expenses (see text)	farms, 2012	597	284	702	408	22	61	284
	2007	636	242	711	416	20	41	142
	\$1,000, 2012	6,766	2,750	12,028	4,087	135	275	5,511
	2007	6,319	2,155	7,323	3,681	268	222	5,281
Depreciation expenses claimed (see text)	farms, 2012	480	282	749	313	20	37	248
	2007	562	260	771	331	15	35	123
	\$1,000, 2012	11,120	3,540	21,277	6,399	263	299	5,719
	2007	6,965	4,054	15,996	4,691	324	317	4,084

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Table 3. Farm Production Expenses: 2012 and 2007 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Total farm production expenses								
farms, 2012	168	440	779	398	555	433	1,144	1,127
2007	144	450	845	419	571	391	1,119	1,227
\$1,000, 2012	3,686	41,626	97,829	32,905	49,935	84,933	153,590	150,208
Average per farm								
dollars, 2012	21,942	94,606	125,583	82,676	89,973	196,151	134,257	133,282
2007	27,296	69,196	79,942	65,150	75,387	145,234	99,465	95,424
Fertilizer, lime, and soil conditioners purchased								
farms, 2012	64	215	361	188	276	200	715	587
2007	51	240	420	231	267	199	778	615
\$1,000, 2012	139	5,072	7,515	1,940	6,404	3,837	28,562	23,841
Chemicals purchased								
farms, 2012	42	212	329	159	254	178	735	533
2007	27	196	287	150	203	147	658	470
\$1,000, 2012	42	2,540	(D)	1,170	2,467	1,779	9,812	11,863
Seeds, plants, vines, and trees purchased								
farms, 2012	42	215	361	173	258	194	717	537
2007	33	199	325	173	211	139	692	492
\$1,000, 2012	126	2,669	4,488	1,277	4,494	3,209	22,613	13,677
2007	187	1,595	1,973	1,114	2,199	1,551	14,187	9,085
Livestock and poultry purchased or leased								
farms, 2012	47	94	223	113	121	120	179	271
2007	33	75	230	77	111	99	161	240
\$1,000, 2012	204	2,200	(D)	1,380	5,204	1,025	2,950	6,295
Breeding livestock purchased or leased								
farms, 2012	15	50	157	65	55	61	41	110
2007	16	26	147	44	59	56	52	92
\$1,000, 2012	28	1,140	(D)	1,047	(D)	769	90	885
Other livestock and poultry purchased or leased								
farms, 2012	36	57	139	69	89	84	144	200
2007	24	57	155	50	70	57	127	177
\$1,000, 2012	177	1,060	(D)	332	(D)	257	2,860	5,410
Feed purchased								
farms, 2012	117	215	449	232	256	261	364	560
2007	97	197	387	187	230	196	344	497
\$1,000, 2012	866	6,362	21,412	8,238	6,841	24,919	3,073	15,567
2007	894	3,313	26,438	7,149	11,097	15,262	2,244	11,521
Gasoline, fuels, and oils purchased								
farms, 2012	162	424	743	382	523	404	1,107	1,067
2007	140	446	831	411	549	376	1,095	1,179
\$1,000, 2012	322	3,039	4,788	1,925	2,739	4,729	9,571	10,218
Utilities								
farms, 2012	100	300	451	256	336	281	673	687
2007	78	244	361	215	236	180	565	564
\$1,000, 2012	178	928	2,280	921	1,236	1,885	3,181	4,124
Repairs, supplies, and maintenance costs								
farms, 2012	124	375	615	311	411	338	951	869
2007	131	410	752	372	506	358	1,031	1,078
\$1,000, 2012	298	3,301	5,357	3,055	4,246	6,283	10,937	10,953
Hired farm labor								
farms, 2012	28	125	148	100	88	127	246	285
2007	25	113	95	95	80	94	222	206
\$1,000, 2012	323	5,160	7,088	2,673	2,976	15,888	18,585	15,760
2007	441	6,614	4,720	2,586	2,319	9,698	15,154	12,969
Contract labor								
farms, 2012	15	32	37	22	21	39	46	59
2007	8	29	24	18	28	30	60	48
\$1,000, 2012	63	486	209	220	186	1,956	1,534	460
Customwork and custom hauling								
farms, 2012	50	89	462	120	95	1,602	1,534	460
2007	11	71	113	84	41	112	272	283
\$1,000, 2012	13	625	4,758	725	350	3,535	1,926	6,695
Cash rent for land, buildings, and grazing fees								
farms, 2012	22	134	202	113	100	122	389	318
2007	11	107	179	104	96	101	356	263
\$1,000, 2012	69	1,910	3,621	2,032	3,894	3,096	15,261	9,091
Rent and lease expenses for machinery, equipment, and farm share of vehicles								
farms, 2012	6	52	55	30	39	44	93	78
2007	2	35	33	20	24	26	73	61
\$1,000, 2012	7	466	338	224	483	572	2,007	1,062
Interest expense								
farms, 2012	51	182	296	125	203	169	446	461
2007	27	148	211	122	137	110	380	351
\$1,000, 2012	338	2,092	3,339	1,649	1,817	3,737	5,213	6,735
Secured by real estate								
farms, 2012	39	147	245	92	174	142	336	384
2007	25	126	172	98	113	102	308	276
\$1,000, 2012	290	1,676	2,111	1,336	1,380	2,530	3,128	4,477
Not secured by real estate								
farms, 2012	285	1,531	1,751	1,162	1,015	2,085	3,543	3,956
2007	31	86	166	79	78	73	256	207
\$1,000, 2012	47	416	1,229	313	436	1,207	2,085	2,259
Property taxes paid								
farms, 2012	45	330	549	625	617	1,425	1,955	3,147
2007	159	430	763	389	540	417	1,074	1,091
\$1,000, 2012	133	430	778	401	539	369	1,049	1,158
All other production expenses (see text)								
farms, 2012	389	1,543	2,769	1,265	2,029	1,883	4,590	4,617
2007	341	1,487	1,941	1,125	1,829	1,291	3,941	4,074
Depreciation expenses claimed (see text)								
farms, 2012	68	210	367	180	231	201	605	482
2007	52	220	351	188	251	155	593	501
\$1,000, 2012	528	5,093	8,234	3,013	4,803	7,519	16,079	17,422
2007	525	3,789	5,782	3,964	4,257	6,955	11,369	12,767

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Table 3. Farm Production Expenses: 2012 and 2007 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Ontonagon	Osceola
Total farm production expenses								
farms, 2012	151	514	923	537	609	280	109	750
2007	140	525	951	588	648	321	104	826
\$1,000, 2012	5,526	62,796	96,609	26,773	97,509	36,089	1,725	37,606
2007	3,602	79,818	80,097	23,685	73,834	22,743	1,822	26,991
Average per farm	36,598	122,171	104,668	49,857	160,113	128,888	15,824	50,142
dollars, 2012								
2007	25,731	152,034	84,224	40,281	113,941	70,850	17,517	32,677
Fertilizer, lime, and soil conditioners purchased								
farms, 2012	51	237	462	164	369	139	22	296
2007	63	265	483	211	404	150	41	300
\$1,000, 2012	476	4,197	7,278	1,435	6,821	3,022	72	2,034
2007	276	3,001	4,380	697	4,558	1,590	107	1,378
Chemicals purchased								
farms, 2012	39	214	372	169	361	110	18	203
2007	31	199	335	161	332	106	20	173
\$1,000, 2012	191	2,997	3,989	721	8,920	754	10	453
2007	72	3,179	3,052	340	5,700	379	16	414
Seeds, plants, vines, and trees purchased								
farms, 2012	51	212	405	158	319	124	29	265
2007	49	208	373	159	301	122	41	207
\$1,000, 2012	378	3,518	4,954	1,479	4,566	1,837	34	1,619
2007	172	4,324	3,766	2,192	2,753	625	29	673
Livestock and poultry purchased or leased								
farms, 2012	54	121	269	104	145	85	21	192
2007	38	137	246	93	156	89	18	208
\$1,000, 2012	165	2,688	3,756	213	2,582	2,161	40	939
2007	115	9,101	3,236	285	2,174	1,274	106	1,166
Breeding livestock purchased or leased								
farms, 2012	23	37	123	28	69	44	11	113
2007	18	53	112	35	71	47	11	96
\$1,000, 2012	60	285	2,103	64	1,088	356	29	626
2007	77	740	1,019	89	859	266	54	746
Other livestock and poultry purchased or leased								
farms, 2012	36	99	182	85	103	50	12	99
2007	22	100	165	75	112	52	12	137
\$1,000, 2012	105	2,403	1,653	149	1,494	1,804	11	313
2007	38	8,361	2,217	196	1,315	1,008	52	420
Feed purchased								
farms, 2012	93	311	538	338	262	159	57	433
2007	84	289	499	312	255	159	51	386
\$1,000, 2012	814	11,912	24,692	2,883	18,214	9,174	165	10,664
2007	627	18,466	20,951	2,349	13,034	5,477	192	6,112
Gasoline, fuels, and oils purchased								
farms, 2012	147	497	883	509	593	259	105	708
2007	138	512	920	570	638	317	101	786
\$1,000, 2012	643	3,802	5,242	1,519	5,824	2,792	181	2,840
2007	326	4,313	4,722	1,888	5,220	1,731	222	1,962
Utilities								
farms, 2012	92	355	560	359	430	184	74	453
2007	77	261	433	259	371	152	59	332
\$1,000, 2012	171	1,914	2,421	973	2,275	1,112	83	1,025
2007	129	1,872	2,279	864	2,085	711	72	852
Repairs, supplies, and maintenance costs								
farms, 2012	114	395	726	415	498	220	88	560
2007	132	478	843	522	587	295	95	726
\$1,000, 2012	494	4,159	6,759	2,123	7,186	3,017	251	2,821
2007	532	5,353	5,543	2,264	5,808	2,397	260	3,751
Hired farm labor								
farms, 2012	20	176	217	210	225	63	21	150
2007	23	137	158	144	214	68	24	115
\$1,000, 2012	260	11,403	12,586	7,532	17,627	3,664	175	3,476
2007	191	11,419	11,487	5,173	16,490	2,970	147	2,687
Contract labor								
farms, 2012	6	41	62	62	57	22	5	48
2007	3	43	58	46	64	13	4	31
\$1,000, 2012	42	491	3,339	507	2,940	201	(D)	113
2007	(D)	1,515	676	376	2,061	86	(D)	216
Customwork and custom hauling								
farms, 2012	22	83	157	24	148	35	10	153
2007	80	1,162	1,916	216	2,396	843	25	814
\$1,000, 2012	87	1,192	2,529	122	1,169	312	46	615
Cash rent for land, buildings, and grazing fees								
farms, 2012	42	104	223	61	172	88	29	153
2007	19	93	187	55	135	72	17	109
\$1,000, 2012	341	1,573	4,716	619	5,387	1,714	107	1,498
2007	123	1,447	2,574	636	2,888	535	27	608
Rent and lease expenses for machinery, equipment, and farm share of vehicles								
farms, 2012	6	41	59	30	59	22	2	45
2007	5	26	47	19	64	13	2	17
\$1,000, 2012	120	360	859	193	461	257	(D)	130
2007	(D)	240	201	89	561	143	(D)	121
Interest expense								
farms, 2012	62	202	335	170	253	107	32	241
2007	44	167	261	121	209	100	29	176
\$1,000, 2012	565	3,056	4,008	1,949	3,865	1,611	238	2,285
2007	382	3,100	4,542	1,655	2,986	1,391	184	1,941
Secured by real estate								
farms, 2012	47	177	268	122	208	82	27	189
2007	37	136	208	102	180	88	19	151
\$1,000, 2012	391	2,016	3,213	1,507	2,719	1,048	195	1,758
2007	250	1,687	3,208	1,359	2,006	1,009	147	1,447
Not secured by real estate								
farms, 2012	32	94	194	108	118	57	17	146
2007	21	100	150	86	108	50	19	104
\$1,000, 2012	174	1,040	795	442	1,146	564	43	527
2007	132	1,414	1,334	296	979	382	36	494
Property taxes paid								
farms, 2012	150	500	904	501	595	272	109	723
2007	136	497	901	534	609	305	96	783
\$1,000, 2012	341	2,013	3,259	2,168	2,864	1,030	259	2,072
2007	271	2,139	2,992	2,421	2,520	933	210	1,744
All other production expenses (see text)								
farms, 2012	74	299	501	321	318	151	52	346
2007	58	291	450	273	344	154	60	305
\$1,000, 2012	444	7,552	6,835	2,242	5,580	2,897	82	4,823
2007	184	9,154	7,166	2,334	3,828	2,190	197	2,750
Depreciation expenses claimed (see text)								
farms, 2012	71	218	399	181	294	126	31	324
2007	53	233	388	216	312	108	49	280
\$1,000, 2012	872	5,189	8,451	2,530	11,607	3,249	276	3,941
2007	802	6,814	8,794	2,386	8,015	3,275	394	4,318

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Table 3. Farm Production Expenses: 2012 and 2007 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon	Saginaw	St. Clair	St. Joseph
Total farm production expenses								
farms, 2012	145	180	1,363	323	58	1,318	1,049	967
2007	136	182	1,451	289	54	1,533	1,072	1,033
\$1,000, 2012	6,243	6,127	440,082	18,313	806	156,050	74,112	192,982
Average per farm								
dollars, 2012	43,054	34,036	322,878	56,697	13,896	118,399	70,650	199,568
2007	35,068	25,815	203,424	41,315	10,923	68,611	45,640	104,898
Fertilizer, lime, and soil conditioners purchased								
farms, 2012	49	80	809	149	12	795	543	568
2007	63	96	863	167	22	986	542	550
\$1,000, 2012	323	701	20,976	2,683	23	34,144	13,469	28,918
Chemicals purchased								
farms, 2012	38	69	767	146	15	809	552	505
2007	28	58	706	115	8	793	419	439
\$1,000, 2012	55	300	22,360	986	5	13,398	4,739	16,888
Seeds, plants, vines, and trees purchased								
farms, 2012	53	77	712	156	13	770	572	489
2007	46	68	651	138	12	809	487	415
\$1,000, 2012	175	273	32,586	2,004	27	22,056	10,601	13,021
2007	120	160	21,588	1,090	35	13,037	5,732	8,104
Livestock and poultry purchased or leased								
farms, 2012	72	58	363	78	10	167	203	264
2007	51	47	363	55	10	171	173	237
\$1,000, 2012	923	229	19,021	270	26	1,779	1,375	6,351
Breeding livestock purchased or leased								
farms, 2012	24	25	143	35	7	51	78	78
2007	22	12	117	20	6	47	72	64
\$1,000, 2012	330	159	2,835	133	(D)	154	333	1,426
Other livestock and poultry purchased or leased								
farms, 2012	61	41	273	54	3	125	143	225
2007	46	36	288	41	7	143	126	193
\$1,000, 2012	593	71	16,186	136	(D)	1,625	1,042	4,925
Feed purchased								
farms, 2012	112	109	636	162	40	298	497	491
2007	96	88	625	115	30	325	443	422
\$1,000, 2012	1,821	765	133,627	1,318	112	7,336	3,955	19,463
2007	1,454	737	63,450	999	111	3,682	2,366	11,427
Gasoline, fuels, and oils purchased								
farms, 2012	133	174	1,311	312	58	1,256	1,028	902
2007	123	176	1,419	284	53	1,493	1,065	992
\$1,000, 2012	399	548	16,149	1,650	123	10,859	5,348	10,444
Utilities								
farms, 2012	84	116	995	226	37	894	703	564
2007	65	78	837	157	28	729	537	473
\$1,000, 2012	163	285	10,329	579	38	2,976	1,679	5,845
Repairs, supplies, and maintenance costs								
farms, 2012	113	146	1,177	258	46	1,111	893	724
2007	109	166	1,308	260	48	1,384	984	883
\$1,000, 2012	513	617	21,479	1,595	110	13,027	6,887	13,587
Hired farm labor								
farms, 2012	41	26	465	71	10	374	254	213
2007	18	26	471	57	7	271	179	180
\$1,000, 2012	345	714	71,147	2,310	(D)	8,812	4,833	13,289
2007	220	377	69,126	1,370	(D)	7,023	3,942	7,277
Contract labor								
farms, 2012	3	13	155	20	5	74	69	78
2007	4	8	161	12	2	91	35	52
\$1,000, 2012	2	(D)	7,500	137	30	653	514	1,435
Customwork and custom hauling								
farms, 2012	44	22	315	70	(D)	341	935	568
2007	35	7	255	47	1	240	201	309
\$1,000, 2012	141	83	4,450	428	(D)	1,627	1,545	10,501
Cash rent for land, buildings, and grazing fees								
farms, 2012	29	25	415	95	8	375	353	300
2007	28	24	377	65	1	406	261	261
\$1,000, 2012	337	395	12,551	1,827	(D)	18,239	5,620	20,311
Rent and lease expenses for machinery, equipment, and farm share of vehicles								
farms, 2012	5	3	105	12	2	98	49	95
2007	4	4	96	9	-	101	36	79
\$1,000, 2012	25	(D)	2,056	97	(D)	964	1,089	1,881
Interest expense								
farms, 2012	80	55	514	112	14	614	348	448
2007	48	49	442	71	9	473	292	365
\$1,000, 2012	458	374	10,362	732	102	7,137	4,294	9,208
Secured by real estate								
farms, 2012	68	38	418	93	13	512	284	369
2007	42	42	351	55	7	383	234	306
\$1,000, 2012	357	265	7,238	552	(D)	5,213	3,092	5,975
Not secured by real estate								
farms, 2012	279	229	10,347	415	(D)	3,694	2,473	4,533
2007	40	37	260	51	1	301	210	253
\$1,000, 2012	100	110	3,125	180	(D)	1,924	1,202	3,232
Property taxes paid								
farms, 2012	144	178	1,286	317	57	1,275	1,016	923
2007	133	173	1,368	281	49	1,423	1,019	965
\$1,000, 2012	363	527	7,069	862	136	5,983	3,948	6,109
All other production expenses (see text)								
farms, 2012	75	89	815	158	20	676	508	517
2007	69	68	836	131	22	734	489	490
\$1,000, 2012	200	276	48,420	836	41	7,060	4,216	15,732
Depreciation expenses claimed (see text)								
farms, 2012	61	81	752	146	15	728	478	480
2007	49	79	728	118	13	756	448	479
\$1,000, 2012	607	988	30,287	1,783	126	21,227	10,445	18,191
2007	517	791	22,793	1,873	105	13,414	6,964	11,904

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Table 3. Farm Production Expenses: 2012 and 2007 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Total farm production expenses								
farms, 2012	1,467	65	1,033	1,322	1,113	1,236	287	357
2007	1,535	66	1,082	1,372	1,232	1,300	313	371
\$1,000, 2012	304,400	2,310	101,056	191,800	162,152	91,257	27,405	10,965
Average per farm								
dollars, 2012	207,498	35,544	97,827	145,083	145,689	73,833	95,489	30,714
2007	112,606	40,269	65,348	92,096	105,493	54,177	82,562	23,424
Fertilizer, lime, and soil conditioners purchased								
farms, 2012	900	30	560	743	631	586	155	140
2007	898	33	637	764	778	652	153	190
\$1,000, 2012	45,394	91	18,705	33,514	15,095	11,984	1,120	675
Chemicals purchased								
farms, 2012	875	29	581	703	634	586	135	131
2007	766	25	520	625	682	533	112	94
\$1,000, 2012	17,136	42	6,086	13,296	11,043	5,573	475	377
Seeds, plants, vines, and trees purchased								
farms, 2012	921	30	570	706	437	601	152	119
2007	796	25	564	653	459	558	150	132
\$1,000, 2012	27,400	192	11,950	19,394	9,835	9,833	5,336	522
2007	12,177	119	6,990	12,118	7,616	7,617	3,967	350
Livestock and poultry purchased or leased								
farms, 2012	327	19	241	269	190	303	53	74
2007	353	19	242	272	158	262	52	77
\$1,000, 2012	10,626	45	1,255	6,756	1,915	4,201	203	483
Breeding livestock purchased or leased								
farms, 2012	172	12	83	91	84	102	10	35
2007	163	11	98	95	65	95	18	33
\$1,000, 2012	4,651	36	638	1,641	341	402	13	244
Other livestock and poultry purchased or leased								
farms, 2012	215	7	184	219	126	227	51	52
2007	250	11	188	205	119	209	41	61
\$1,000, 2012	5,975	9	617	5,115	1,574	3,799	189	239
Feed purchased								
farms, 2012	9,020	4	716	5,044	4,372	2,881	99	870
2007	597	33	446	512	386	695	124	185
\$1,000, 2012	55,921	297	11,369	17,269	17,533	8,170	1,171	1,867
2007	23,876	302	7,695	10,123	9,680	5,812	916	1,200
Gasoline, fuels, and oils purchased								
farms, 2012	1,411	63	995	1,262	1,048	1,192	272	336
2007	1,495	64	1,075	1,336	1,195	1,272	307	361
\$1,000, 2012	20,894	135	7,059	12,248	11,803	6,262	1,882	1,043
Utilities								
farms, 2012	1,074	46	702	879	686	805	189	190
2007	824	39	541	673	650	634	148	170
\$1,000, 2012	6,451	88	2,269	3,745	4,038	2,144	935	374
Repairs, supplies, and maintenance costs								
farms, 2012	3,204	51	1,570	2,268	3,147	1,880	1,411	212
2007	1,234	52	864	1,076	903	1,041	234	264
\$1,000, 2012	24,019	173	10,175	14,988	10,059	6,508	1,561	927
Hired farm labor								
farms, 2012	15,416	215	7,269	9,864	11,042	6,088	2,492	903
2007	455	15	212	338	418	310	87	73
\$1,000, 2012	22,176	386	6,671	11,457	32,899	9,575	9,328	1,574
2007	12,838	472	5,604	8,462	32,156	7,207	7,892	799
Contract labor								
farms, 2012	107	5	69	183	84	24	19	19
2007	80	6	57	75	184	61	17	18
\$1,000, 2012	1,716	(D)	502	967	3,973	787	220	243
Customwork and custom hauling								
farms, 2012	706	(D)	259	448	1,690	609	221	145
2007	444	6	197	247	202	184	24	41
\$1,000, 2012	299	2	143	191	174	176	31	49
Cash rent for land, buildings, and grazing fees								
farms, 2012	7,000	(D)	969	3,080	3,206	1,087	140	126
2007	3,311	(D)	1,303	1,784	2,172	858	106	72
Rent and lease expenses for machinery, equipment, and farm share of vehicles								
farms, 2012	149	4	65	179	112	73	14	22
2007	100	3	61	150	98	58	10	9
\$1,000, 2012	2,965	(D)	743	2,718	2,833	618	65	35
2007	709	(D)	657	1,265	950	288	120	10
Interest expense								
farms, 2012	763	22	430	529	353	450	82	89
2007	574	24	398	459	354	345	62	79
\$1,000, 2012	15,287	144	5,472	7,867	6,880	4,556	980	562
2007	10,171	244	4,417	7,583	5,659	3,963	709	958
Secured by real estate								
farms, 2012	620	20	334	412	288	340	72	67
2007	464	19	333	359	287	282	38	67
\$1,000, 2012	10,854	(D)	3,757	5,499	4,219	3,482	860	452
Not secured by real estate								
farms, 2012	7,056	214	3,327	4,860	3,604	3,244	368	627
2007	492	8	258	324	189	261	35	56
\$1,000, 2012	4,432	(D)	1,715	2,369	2,662	1,073	120	110
Property taxes paid								
farms, 2012	3,115	30	1,090	2,733	2,055	719	341	331
2007	1,415	62	991	1,261	1,069	1,174	256	357
\$1,000, 2012	1,438	63	1,008	1,269	1,170	1,195	275	355
2007	7,350	111	4,220	6,472	4,469	6,580	1,208	974
All other production expenses (see text)								
farms, 2012	864	32	555	688	548	710	145	157
2007	815	35	603	697	607	682	155	147
\$1,000, 2012	15,638	202	6,593	12,991	9,963	7,186	2,233	658
2007	12,549	305	5,554	7,887	14,074	5,298	2,627	540
Depreciation expenses claimed (see text)								
farms, 2012	872	27	563	675	507	606	103	134
2007	853	31	587	682	569	608	154	137
\$1,000, 2012	36,909	253	12,733	24,673	18,659	8,637	1,393	1,123
2007	25,775	250	10,009	15,466	15,044	8,373	2,543	1,410